

AN ANNOTATED CHECKLIST OF THE AUSTRALIAN ACANTHOCEPHALA FROM MAMMALIAN AND BIRD HOSTS

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A compilation of all the records of acanthocephalans parasitising Australian mammals and birds is presented, firstly as a parasite–host list and then as a host–parasite list. Current and original parasite and host names are given. References for and localities of each record are provided. Hosts from Australian sub-Antarctic and Antarctic waters are included but Papua New Guinea records are excluded.

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A list of type specimens of the Acanthocephala held in the South Australian Museum was compiled by Smales (1983), followed by a complete list of the Australian Acanthocephala by Edmonds (1989), more than 10 years ago. Since then new species have been described, additional material has been collected and many host and parasite taxa have been revised. It is, therefore, timely to produce updated lists that treat all the known acanthocephalans from Australian hosts.

This checklist is a compilation based on all published records up to 2002, augmented by the examination of all the specimens deposited in the Queensland Museum, Brisbane (QM); South Australian Museum, Adelaide (SAM); registration numbers prefixed as AHC, Australian Museum, Sydney (AM); the South Australian Research & Development Institute, Adelaide (SARDI); and the CSIRO Wildlife Collection, Canberra (CSIRO). It is limited to data from mammalian and bird hosts, including presumed paratenic hosts and accidental hosts; fish hosts are presently being reviewed (Pichelin, pers. comm.), amphibian hosts were recently treated by Barton (1994) and reptilian hosts by Pichelin et al (1999).

Although for the most part restricted to records of parasites from the Australian states, records from marine hosts collected from Australian sub-Antarctic and Antarctic territories have also been included. In these latter cases only material held in Australia is listed although the known distribution of such species may be circumpolar.

Parasite nomenclature is based on the system of classification of Amin (1985, 1987) and Golvan's (1994) alphabetical list of genera and species. Host nomenclature is based on Strahan (1995) for

the mammals, and Marchant and Higgins (1990–2001) and Schodde and Mason (1999) for the birds.

Each record is given using the current parasite name followed by its synonyms. Because there have been numerous changes to the taxonomy of many species, all known synonyms of the parasite are listed although some earlier records could not be accessed directly. This is followed by each host, with localities, specific references to Australian material, and museum registration numbers. If the current name of the host differs from that used in the original reference it is given as 'host as ...' after the reference in the host–parasite list. The type host is designated by an asterisk.

The following abbreviations are used for localities: NSW (New South Wales), NT (Northern Territory), Q (Queensland), V (Victoria), T (Tasmania), SA (South Australia), WA (Western Australia).

PARASITE–HOST LIST

CLASS ARCHIACANTHOCEPHALA

Gigantorhynchidae Hamman, 1892

1. *Mediorhynchus alecturae* (Johnston & Edmonds, 1947)

Syns: *Echinorhynchus (Gigantorhynchus)* sp. Johnston, 1912; Johnston & Deland, 1929

Empodius alecturae Johnston & Edmonds, 1947

Empodisma alecturae Yamaguti, 1963

Mediorhynchus alecturae Golvan, 1962; Byrd &

- Kellog, 1971; Schmidt & Kuntz, 1977; Smales, 2002a
 Host: *Alectura lathamii* Gray,* Q, Johnston 1912a: 106, 1912b: 72; Johnston & Deland 1929: 148; Smales 2002a: 375; AHC 1186, 2930, 4128, 2250, 427470-78, 42918-23.
2. *Mediorhynchus collaricinclae* Smales, 2002
 Hosts: *Acanthochoera chrysoptera* (Latham), SA, Smales 2002a: 377-380; AHC 4627
Coluricincla harmonica (Latham)*, SA, Smales 2002a: 377-380; AHC 5081, 5102, 18796, 28396
Pomatostomus superciliosus (Vigors & Horsfield), SA, Smales 2002a: 377-380; AHC 5118
Rhipidura leucophrys (Latham), SA, Smales 2002a: 377-380; AHC 5040.
3. *Mediorhynchus corcoracis* Johnston & Edmonds, 1951
 Syn: *Echinorhynchus* sp. Cleland, 1922; Johnston & Deland, 1929a
 Hosts: *Corcorax melanoramphos* (Vieillot)*, NSW, Q, SA, V, Cleland 1922: 108; Johnston & Deland 1929: 151; Johnston & Edmonds 1951:1-3; Smales 2002a: 375; AHC 3365, 3366, 3426, 5091, 6561, 23814, 42481-503
Corvus bennetti North, SA, Johnston & Edmonds 1951:1-3; Smales 2002a: 375; AHC 3269
Corvus coronoides Vigors & Horsfield, SA, Smales 2002a: 375; AHC 5086
Corvus mellori Matthews, SA, V, Smales 2002a: 375; AHC 5088, 5108, 5109, 11530, 18225
Corvus tasmanicus Matthews, Tas, AHC 4586, 4633
Corvus sp. SA, AM W1056, W1065
 'crow', SA, NT, Smales 2002a: 375; AHC 1056, 1065, 3361
Grallina cyanoleuca (Latham), SA, NT, Smales 2002a: 375; AHC 434, 18222.
4. *Mediorhynchus robustus* Van Cleave, 1916
 Syn: *Mediorhynchus garruli* Yamaguti, 1939
Mediorhynchus robustus Van Cleave, 1916; Schmidt & Kuntz, 1977
 Host: *Grallina cyanoleuca* (Latham), Q, Smales 2002a: 375; QM GL11212 Specimens collected by J.W. Fielding, 1912, identified by H.H. Baylis, 1926, are now missing. This identification is doubtful but cannot be confirmed.
5. *Mediorhynchus* sp. A
 Host: *Siltia isabella* Vieillot, NT, Smales 2002a: 375; CSIRO A21, identification by G. Schmidt but material missing from the collection.
6. *Mediorhynchus* sp. B
 Hosts: *Acanthogenys rufogularis* Gould and 'gull', SA, Smales 2002a: 375; AHC 5126, 20640, 2 female specimens and 1 fragment only available for study.
7. *Mediorhynchus* sp. larvae
 Presumed paratenic host: *Isoodon macrourus* (Gould), Q.
- Moniliformidae**
8. *Australiformis semoni* (Linstow, 1898)
 Syn: *Echinorhynchus semoni* Linstow, 1898
Prosthenorchis s.l. semoni Travassos, 1917
Gigantorhynchus sp. Johnston, 1910a; Johnston & Deland, 1929
Gigantorhynchus semoni Porta, 1908; Johnston, 1909a, 1911; Johnston & Deland, 1929
Moniliformis semoni Johnston & Edmonds, 1952
Australiformis semoni Schmidt & Edmonds, 1989
 Hosts: *Antechinus agilis* Dickman et al, AHC 19728-32, CSIRO A31, A36, A48, *Antechinus stuartii* Macleay, Schmidt & Edmonds 1989: 215-217
Isoodon macrourus (Gould), Q, NT, AHC 3416, 10512, 17994, 23308, 23309, 23316, CSIRO A5, A6, A9, A61, A67, A107, QM GL14429, GL14431, GL14433, GL14437, GL14438, GL14440, GL14441, GL14442, GL14443, GL14464, GL14465
Isoodon obesulus (Shaw)*, NSW, Q, T, WA, Linstow 1898: 471; Johnston 1909a: 521; Johnston & Edmonds 1952: 215-217; Schmidt & Edmonds 1989: 215-217; AHC 4090, 8325, 17929, 17930, 17931, 17932, 17980-91, 18038, 18041, 18207, 18208 42513-22, CSIRO A90, A92
Perameles gunnii Gray, T, V, Schmidt & Edmonds 1989: 215-217; AHC 5036, 5037, 5049, 5087, 11424, 11430, 16348, 16350, 16351, 17928, 17992, 17993, 18039, 18117, 18175, 18213, 23302, 23305, 23317, 23320, 23322, 23327, 23328, 23329, 16348, 16350, 16351, 17928, CSIRO A2, A14
Perameles nasuta Geoffroy, NSW, Q, Johnston 1910: 27, 1911: 50; Johnston & Edmonds

- 1952: 215-217; Schmidt & Edmonds 1989: 215-217; AHC 5093, CSIRO A3, A7, A66, QM GL14430, GL14436, G211343
- Phascogale tapoatafa* (Meyer), NSW, Johnston 1910: 27, 1911:50; Johnston & Edmonds 1952: 18-20; Schmidt & Edmonds 1989: 215-217
- Potorous tridactylus* (Kerr), T, AHC 10069, 18577, 17995
- Bandicoot, no locality data, Q, T, AHC 3394, 3395, 3404, 7850, 17978, 17995, 18576.
9. *Moniliformis moniliformis* (Bremser, 1811)
 Syns: *Echinorhynchus moniliformis* Bremser, 1811
E. grassi Deffke, 1891; *E. canis* Porta, 1914; *E. belgicus* Railliet, 1918
Gigantorhynchus Hamman, 1892 *pro parte*
Gigantorhynchus moniliformis Porta, 1908; Johnston, 1909b, 1909c, 1909d, 1912b, 1913, 1916; Nicoll, 1914
Hormorhynchus moniliformis Johnston, 1918a; Fielding, 1927; Southwell & McFie, 1925
Moniliformis moniliformis Travassos, 1915, *nec M. moniliformis sensu* Travassos, 1917 see Golvan, 1994; Johnston & Edmonds, 1952
Moniliformis dubius Meyer, 1932; Johnston & Deland, 1929; Meyer, 1933
 Hosts: *Rattus rattus* (Linn.), NSW, Q, SA, Johnston 1909d: 583, 1909b: 218, 590, 1909c: 81, 1912b: 83, 1916: 43; Johnston 1918a: 69; Fielding 1927: 123; Southwell & McFie 1925: 171; Johnston & Deland 1929: 147; Johnston & Edmonds 1952: 20-21; AHC 42507, 42508, 42510
Rattus norvegicus (Berkenhout), NSW, Q, NT, SA, Johnston 1909b: 218, 590, 1909c: 81, 1912b: 83, 1913: 93, 1916: 43; Johnston 1918a: 69; Fielding 1927: 123; Southwell & McFie 1925: 171; Johnston & Deland 1929: 147; Johnston & Edmonds 1952: 20-21; Edmonds, 1989: 127; QM GL11008, GL11068, GL11091, GL14434, AHC 2486, 3419, 42504, 42505, 42506, 42509, 42511
Rattus fuscipes (Waterhouse) Edmonds, 1989: 128
rat, Rattus spp., NSW, Q, Nicoll 1914: 4; AM W305, W1602, QM GL11572, GL11703, AHC 42512.
- Oligocanthorhynchidae
10. *Macracanthorhynchus hirudinaceus* (Pallas, 1781)
 Syns: *Taenia haeruca* Pallas, 1766 *pro parte*, *T. hirudinaceus* Pallas, 1781
Echinorhynchus hirudinaceus Pallas 1781; *E. gigas* Bloch, 1782
Gigantorhynchus hirudinaceus Porta, 1908; Johnston, 1909a, 1909c
Homorhynchus hirudinaceus Johnston, 1918b
Gigantorhynchus gigas Meyer, 1928
Macracanthorhynchus hirudinaceus Travassos, 1917; Johnston & Deland, 1929
 Host: *Sus scrofa* Linn.,* Q, NSW, SA, V, Johnston 1909d: 583, 1909c: 79, 1918b: 216; Johnston & Deland 1929: 147; AHC 1596, 2471, 3422, 8480, 15473, 18500, 18903, 19018, 22539, AM W5549, W201622, SARDI A110.
11. *Multisentis myrmecobius* Smales, 1997
 Host: *Myrmecobius fasciatus* Waterhouse,* WA, Smales 1997: 301-307; AHC 30021, 30022, 30034-35, 30091-93, 30096.
12. *Oncicola pomatostomi* (Johnston & Cleland, 1911)
 Syns: *Echinorhynchus pomatostomi* Johnston & Cleland, 1911; Johnston & Deland, 1929
Echinorhynchus s.l. pomatostomi Petrochenko, 1958
Oligocanthorhynchus pomatostomi Tubangi, 1933
Oncicola sp. Banks, 1952; Edmonds, 1957a
Oncicola pomatostomi Schmidt, 1983
 Paratenic hosts: *Acanthiza chrysorrhoa* (Quoy & Gaimard), SA, WA, Mawson et al 1986: 273
Amytornis purnelli Mathews, WA, Mawson et al 1986: 272
Anthochaera carunculata (White), WA, Mawson et al 1986: 274; AHC 4684
Anthus novaeseelandiae (Gmelin), WA, Mawson et al 1986: 266
Aphelocephala leucopsis Gould, SA, Cleland 1922: 108; Schmidt 1983: 397-399; CSIRO A34
Artamus cinereus Vieillot, NT, Q, Mawson et al 1986: 281; AHC 18217
Artamus superciliosus (Gould), Edmonds 1989: 128
Cincoloma castonotus Gould, SA, Johnston & Deland 1929: 149; Schmidt 1983: 397-399
Cincoloma cinnamomeum Gould, SA, NT, Johnston & Deland 1929: 149; Schmidt 1983: 397-399; Mawson et al 1986: 270; AHC 4896
Climacteris affinis (Blythe), AHC 18212

- Climacteris leucopsis*, AHC 1801
- Climacteris melanura* Gould, WA, Mawson et al 1986: 274; Schmidt 1983: 397-399
- Climacteris picumnus* Temminck, SA, Cleland 1922: 108; Johnston & Deland 1929: 150; Schmidt 1983: 397-399; AHC 5099
- Colluricincla harmonica* (Latham), SA, AM W1079
- Cormobates leucophaea* (Latham), SA, Johnston & Deland 1929: 151; Schmidt 1983: 397-399
- Daphoenositta chrysoptera* (Latham), NT, WA, Mawson et al 1986: 273; CSIRO A40, A47
- Grallina cyanoleuca* (Latham), NT, Mawson et al 1986: 281; AHC 5110
- Gymnorhina tibicen* (Latham), NT, SA, Mawson et al 1986: 282
- Hylacola* sp., no locality data, AHC 8863
- Lalage leucomela* (Vigors & Horsfield), NT, Mawson et al 1986: 267
- Lichenostomus plumulus* (Gould), WA, Mawson et al 1986: 276
- Lichenostomus virescens* (Viellot), WA, Mawson et al 1986: 276
- Malurus cyaneus* (Ellis), SA, AHC 28011
- Manorina flavigula* (Gould), NT, SA, WA, Mawson et al 1986: 275; CSIRO A32
- Melanodryas cucullata* (Latham), NT, Mawson et al 1986: 267
- Microeca leucophaea* (Latham), Q, Mawson et al 1986: 268
- Nycticorax caledonicus* (Gmelin), Q, CSIRO A46
- Oreoica gutturalis* (Vigors & Horsfield), NT, Mawson et al 1986: 269
- Pachycephala inornata* Gould, SA, Johnston & Cleland 1911: 115; Schmidt 1983: 397-399
- Pachycephala rufiventris* (Latham) NT, Mawson et al 1986: 268; Schmidt 1983: 397-399
- Pedionomus torquatus* Gould, SA, Johnston & Deland 1929: 148; Schmidt 1983: 397-399; AM W955
- Petroica goodenovii* Vigors & Horsfield, NT, CSIRO A33
- Poephila cinerea* (Gould), Q, Mawson et al 1986: 279
- Pomatostomus halli* (Cowles), Q, CSIRO A57
- Pomatostomus ruficeps* (Hartlaub), SA, Johnston & Deland 1929: 150; Schmidt 1983: 397-399; AHC 557, 5072, CSIRO A56, SARDI A112-3
- Pomatostomus superciliosus* (Vigors & Horsfield), (*paratenic), NT, Q, SA, WA, Johnston 1910: 107; Johnston & Cleland 1911: 112; Cleland 1922: 107; Schmidt 1983: 397-399; AHC 1729, 1804, 2707, 5054, 5074, 5077, 5078, 42537, 42538, AM W293, CSIRO A27
- Pomatostomus temporalis* (Vigors & Horsfield), NSW, NT, Q, WA, Johnston & Cleland 1911: 112; Cleland 1922: 108; Mawson et al 1986: 270; Schmidt 1983: 397-399; AHC 18459, CSIRO A104, SARDI A112-9
- Sericornis brunneus* (Gould), SA, WA, Johnston & Deland 1929: 150; Mawson et al 1986: 272; AHC 28012, 28013, AM W1080
- Sericornis cautus* (Gould), SA, Mawson et al 1986: 272
- Sericornis fuliginosus* (Vigors & Horsfield), WA, Mawson et al 1986: 272; CSIRO A26
- Sericornis pyrrhopygius* (Vigors & Horsfield), SA, Johnston & Cleland 1911: 112; Schmidt 1983: 397-399; AHC 1802
- Strepera versicolor* (Latham), SA, CSIRO A60
- Turnix castanota* (Gould), SA, Mawson et al 1986: 246; AHC 5073
- Turnix velox* (Gould), Q, Mawson et al 1986: 246
- Zoothera dauma* (Latham), Q, SA, Schmidt 1983: 397-399; AHC 3369
- Zoothera humulata* (Latham), Schmidt, 1983: 397-399
- bird, SA, WA, AM W889, W1078
- Definitive hosts: *Felis catus* Linn.,* NSW, NT, SA, V, Schmidt 1983: 397-399; AHC 9565, 15077, 18196, 18444-48, 18460, 18462-67, 30181-93, 30438, CSIRO A12, SARDI A112-2, 4-8
- Canis familiaris dingo* Blumenbach, NT, Edmonds 1957a: 79; Schmidt 1983: 397-399; AHC 18443, 18461, SARDI A112-1.

CLASS PALAEACANTHOCEPHALA

Centrorhynchidae

13. *Centrorhynchus asturinus* (Johnston, 1912)
 Syns: *Gigantorhynchus* (*sensu lato*) Travassos, 1917
- Gigantorhynchus asturinus* Johnston, 1912a, 1913
- Centrorhynchus asturinus* Johnston, 1918b; Travassos, 1926; Southwell & McFie, 1925; Johnston & Deland, 1929; Golvan, 1956a; Petrochenko, 1958; Yamaguti, 1963 as *C. asturinum*
- Echinorhynchus bazae* Southwell & McFie, 1925
- Prostharhynchus bazae* Travassos, 1926
- Gordiorhynchus falconis* Johnston & Best, 1943; Petrochenko, 1958

- Centrorhynchus falconis* Golvan, 1956a
Hosts: *Accipiter cirrocephalus* (Vieillot), NSW, Q, Southwell & McFie 1925: 163; Johnston & Deland 1929: 148; QM GL11509
- Accipiter fasciatus* (Vigors & Horsfield), NSW, NT, SA, Southwell & McFie 1925: 163; Johnston & Deland 1929: 148; AHC 3377, 8860, 42208-09
- Accipiter novaehollandiae* (Gmelin),* Q, Johnston 1912a: 108, 1913: 93; Southwell & McFie 1925: 164; AHC 950, 42203, 42205-07, QM GL11064, GL11213, G213458
- Aviceda suberistata* (Gould), NSW, Q, Johnston 1918: 215; Southwell & McFie 1925: 177; AHC 3371
- Circus approximans* Peale, NSW, Q, SA, Johnston 1918: 216; Mawson et al 1986: 244
- Falco berigoria* Vigors & Horsfield, NSW, NT, Q, SA, Southwell & McFie 1925: 164; Johnston & Deland 1929: 148; Mawson et al 1986: 245; AHC 5039, 5080, 19594, 42213-13, QM GL11200
- Falco cenchroides* Vigors and Horsfield, Q, SA, Mawson et al 1986: 246; AHC 5119, 5817, 19595
- catbird or crested hawk, AHC 8874.
14. *Centrorhynchus bancrofti* (Johnston & Best, 1943)
Syns: *Echinorhynchus* sp. Johnston, 1912
Gordiorhynchus sp. Johnston, 1918;
Gordiorhynchus bancrofti Johnston & Best, 1943
- Centrorhynchus bancrofti* Golvan, 1956a
Presumed paratenic hosts: *Antechinus agilis* Dickman et al, NSW, V, AHC 16299, CSIRO A17, A30, A35, A39, A43, A73, A78, A81, A85, A86, A88
- Antechinus stuartii* Macleay, NSW, QM G213754
Antechinus swainsonii (Waterhouse), NSW, CSIRO A23, A25, A72, A82, A84
Hosts: *Ninox boobook* (Latham), NSW, Q, SA, Johnston 1912a: 109; Johnston 1918b: 216; AHC 42210-11
- Ninox strenua* (Gould),* Q, Johnston & Best 1943: 226; Mawson et al 1986: 262; AHC 5060, 5101, 5114, 18057, CSIRO A68.
15. *Centrorhynchus horridus* (Linstow, 1897)
Syns: *Echinorhynchus horridus* Linstow, 1897; Marval, 1905
Echinorhynchus sp. Johnston, 1910b; Johnston & Deland, 1929
- Prosthorhynchus horridus* Travassos, 1926
Centrorhynchus horridus Meyer, 1932; Johnston & Edmonds, 1948, 1958; Golvan, 1956a; Yamaguti, 1963, as *C. horridum*
- Hosts: *Dacelo novaeguineae* (Hermann), Q, SA, Mawson et al 1986: 264; AHC 941, 5098, 18044, 42224-25, QM G207576
- Todiramphus macleayi* (Jardine & Selby), Q, CSIRO A65
- Todiramphus sanctus* (Vigor and Horsfield),* Q, Johnston 1910b: 105; Johnston & Edmonds 1948: 69; AHC 5057, 5124, 18802, 42214-23, QM G207319, G207575
- Dacelo* sp., Q, AHC 5130, 18187
kookaburra, Q, QM G207282.
16. *Centrorhynchus* sp. A
Host: egret, Q, single immature specimen; proboscis armature not consistent with described species from Australian localities, QM G207066.
17. *Centrorhynchus* sp. B
Hosts: kingfisher, no locality data, AHC 5123
hawk, no locality data, AHC 5134.
18. *Centrorhynchus* spp.
Presumed paratenic hosts: *Antechinus agilis* Dickman et al, NSW, V, CSIRO A35, A42, A79, A87, A105
Antechinus swainsonii (Waterhouse) NSW, CSIRO A18, A37
Phascogale tapoatafa (Meyer), NSW, CSIRO A103
Sminthopsis leucopus (Gray), T, CSIRO A22.
- Plagiorrhynchidae**
19. *Plagiorrhynchus charadrii* (Yamaguti, 1939)
Syn: *Prosthorhynchus charadrii* Yamaguti, 1939; Johnston & Edmonds, 1947
- Plagiorrhynchus charadrii* Van Cleave, 1951 nec Golvan, 1956b; Schmidt and Kuntz, 1966; Smales, 2002b
- Hosts: *Acridotheres tristis* Linn., V, Smales 2002b: 210; AHC 8648
- Centropus phasianus* Latham, Q, Smales 2002b: 210; AHC 1790, 1793, 1796
Charadrius alexandrius Linn., SA, T, Smales 2002b: 210; AHC 5046, 5061, 5070
Charadrius ruficapillus Temminck, SA, T, Mawson et al 1986: 251; AHC 5116, 18040, 18191

- Haematopus fuliginosus* Gould, T, Smales 2002b: 210; AHC 7731
- Haematopus longirostris* Vieillot, T, Smales 2002b: 210; AHC 7730
- Pachyptila tatur* (Kuhl), T, Smales 2002b: 210; AHC 8862
- Thinornis rubricollis* (Gmelin), V, SA, Johnston & Edmonds 1947: 561; AHC 3362, 5075, 5083, 15595, 18779, 42426-37
- Turdus merula* Linn., T, Smales 2002b: 210; AHC 8876.
20. *Plagiorrhynchus cylindraceus* (Goeze, 1782)
 Syns: *Echinorrhynchus cylindraceus* Goeze, 1782; *E. brumpti* Blanc and Cauchemez, 1911; *E. pici* Gmelin, 1791; *E. musicapae* Rudolphi, 1819; *E. dimorphocephalus* Westrumb, 1821; *E. obliquus* Dujardin, 1845; *E. pigmentatus* Marval, 1902
- Centrorhynchus cylindraceus* Schrank, 1788; Travassos, 1926; Petrochenko, 1958
- Prosthorhynchus* Kostylev, 1915: Yamaguti, 1963 as *P. cylindraceus*; Golvan, 1956a, 1956b; Edmonds, 1982
- Prosthorhynchus genitopapillatus* Lundstrom, 1942 see Golvan, 1994
- Prosthorhynchus upupae* Lopéz-Neyra, 1946
- Plagiorrhynchus cylindraceus* Schmidt and Kuntz, 1966; Schmidt, 1981; Amin et al, 1999; Smales, 1988, 2002b
- Presumed paratenic hosts: *Antechinus agilis* Dickman et al, NSW, CSIRO A74
- Hydromys chrysogaster* Geoffroy; Edmonds 1989: 130; AHC 19690
- Isoodon obesulus* (Shaw); T, Smales 1988: 1062-4; AHC 18827, 18988, 19013, 19014, CSIRO A94, A95
- Isoodon macrourus* (Shaw), ACT, CSIRO A93
- Perameles gunnii* (Gray), T, CSIRO A96
- Wallabia bicolor* (Desmarest), NSW, AHC 7307
- Sminthopsis leucopus* (Gray), V, AHC 6559
- Potorous tridactylus* (Kerr), T, CSIRO A108
- Vulpes vulpes* Linn., V, AHC 6555
- Hosts: *Acridotheres tristis* Linn., V, Edmonds 1989: 130; AHC 18034, 23847
- Corvus coronoides* Vigors & Horsfield, V, Smales 2002b: 210; AHC 18812, 18825
- Gallina tenebrosa* Gould, V, Smales 2002b: 210; AHC 18087
- Grallina cyanoleuca* (Latham), V
- Gymnorhina tibicen* (Latham), T, V, Smales 2002b: 210; AHC 8877, 18035, 18226, 19046
- Megalurus timoriensis* Wallace, Johnston & Deland 1929: 150; doubtful record
- Sturnus vulgaris* Linn., T, V, Smales 2002b: 210; AHC 18186, 18203, 19426, 23849
- Threskiornis molucca* (Cuvier), T, Smales 2002b: 210; AHC 18182, 18205
- Turdus merula* Linn., T, V, Edmonds 1989: 130; AHC 8879, 10011, 11381, 18033, 23850, 23851
- Vanellus miles* (Boddaert), T, V, Smales 2002b: 210; AHC 18021
- Zoothera lunulata* (Latham), V, AHC 32105
- pigeon, Schmidt 1981: 597; AHC 23848
- Hydromys chrysogaster* Geoffroy; T, AHC 18183, 18209
- Perameles gunnii* (Gray), T, Smales 1988: 1062-64; AHC 18184, 18206, 19012
21. *Plagiorrhynchus menurae* (Johnston, 1912)
 Syns: *Echinorrhynchus menurae* Johnston, 1912b
- Prosthorhynchus menurae* Travassos, 1926; Meyer, 1933; Johnston & Best, 1943; Petrochenko, 1958, attributed in error to Schaston, 1912
- Plagiorrhynchus menurae* Golvan, 1956; Schmidt and Kuntz, 1966; Smales, 2002b
- Hosts: *Menura alberti* Bonaparte, NSW, Smales 2002b: 21; CSIRO A100, A101
- Menura novaehollandiae* Latham,* NSW, V, Johnston 1912b: 88; Johnston & Best 1943: 226; AHC 6552, 17951, 17952, 17976, 18045, 18575, 22934, 32135, 42438-41, CSIRO A50, A51, A52, A69, A70, A71, A89, A91.
22. *Plagiorrhynchus* sp. Smales, 2002: 210
 Hosts: *Psophodes olivaceus* (Latham), NSW, CSIRO A55
- Ptiloris victoriae* Gould, Q, CSIRO A63.
23. *Plagiorrhynchus* spp.
 Possibly *P. cylindraceus* but cyst forms difficult to determine with certainty
- Presumed paratenic hosts: *Antechinus agilis* Dickman et al, NSW, CSIRO A24, A41
- Antechinus stuartii* Macleay, NSW, QM GL 12584 slide no 213755
- Isoodon macrourus* (Shaw), ACT, CSIRO A98
- Isoodon obesulus* (Shaw), ACT, CSIRO A95
- Sminthopsis leucopus*, NSW, CSIRO A19.
24. *Porrorchis hylae* (Johnston, 1914)
 Syns: *Echinorrhynchus* sp. Johnston, 1912b

- Echinorhynchus hylae* Johnston, 1914; Petrochenko, 1958 as *Echinorhynchus s.l. hylae*; *E. bulbocaudatus* Southwell & McFie, 1925; Johnston and Deland, 1929; *E. centropusi* Tubangi, 1933
- Prosthorhynchus bulbocaudatus* Travassos, 1926
- Gordiorhynchus hylae* Johnston and Edmonds, 1948
- Pseudoprororchis hylae* Joyeaux and Baer, 1935; Edmonds, 1957a
- Prororchis hylae* Schmidt & Kuntz, 1967; Smales, 2002b
- Presumed paratenic host: *Antechinus stuartii* Macleay, NSW, QM GL 12584 Slide No 213753, GL12593
- Hosts: *Burhinus grallarius* (Latham), Q, Smales 2002b: 210; QM G207024
- Centropus phasianus* (Latham),* NT, Q, WA, AHC 5064, 5103, 5121, 18216, 18838 CSIRO A64, QM GL11402, G207272, G207473; Johnston & Deland 1929: 149; Edmonds 1957a: 76; Mawson et al 1986: 262; Smales 2002b: 210
- Podargus strigoides* (Latham), NT, Q, SA, Johnston & Edmonds 1948: 74; Mawson et al 1986: 263; Smales 2002b: 210; AHC 857, 3411 (listed as types in the register but the species was first described from *C. phasianus*), 4606, 5084, 5129, 6553, 6562, 11214 15221, 18211, 18218, 18220, 18221, 42542-47, QM G207057, G207103, G207193.
25. *Prororchis hydromuris* (Edmonds, 1957)
- Syns: *Pseudoprororchis hydromuris* Edmonds, 1957a
- Prororchis hydromuris* Schmidt and Kuntz, 1967; Smales, 2002b
- Hosts: *Hydromys chrysogaster* Geoffroy,* Q, Edmonds 1957a: 77; Smales 2002b: 210; AHC 3398, 3402, 5056, 5079, QM GL14411, GL14432, GL14435, GL14460-63, GL14466 rat, QM GL14374.
26. *Prororchis* sp.
- Host: *Felis catus* Linn., NSW, possibly Q, Smales 2002b: 210; AHC 3414, QM GL12464.
- Polymorphidae**
27. *Andracantha clavata* (Goss, 1940)
- Syns: *Corynosoma clavatum* Goss, 1940; Johnston & Best, 1942; Johnston & Edmonds, 1953; Edmonds, 1955, 1957; Zdzitowiecki, 1986a, 1986b; Edmonds, 1989
- Andracantha clavata*: Zdzitowiecki, 1989, 1991
- Hosts: *Cygnus atratus* (Latham), SA, AHC 3002, 3016
- Eudypitula minor* (Forster), V
- Leucocarbo atriceps* (King), Heard Is., Macquarie Is., Edmonds 1955: 141, 1957: 96; AHC 18021, CSIRO A20
- Leucocarbo colensoi* Buller, Auckland Is., Campbell Is., Johnston & Edmonds 1953: 59
- Leucocarbo fuscescens* Viellot, SA, AHC 5058, 11213
- Phalacrocorax melanoleucos* Viellot, V, SA, WA, Goss 1940: 12; Mawson et al 1986: 232; AHC 3384
- Phalacrocorax sulcirostris* (Brandt), SA, WA, Goss 1940: 12; Mawson et al 1986: 231; AHC 18359
- Phalacrocorax varius* (Gmelin),* SA, WA, Goss 1940: 12; Johnston & Best 1942: 252; AHC 2698, 15434, 42274
- Phalacrocorax verrucosus* (Cabanis), Kerguelen Is., Edmonds 1957b: 96
- Phalacrocorax* sp. Macquarie Is., AHC 18468 shag, WA, Goss 1940: 12-13; WAM WA73-83
- Accidental host: *Arctocephalus pusillus* (Schreber), SA, Johnston & Best 1942: 253; AHC 22536.
28. *Andracantha* sp.
- Identified as *Corynosoma phalacrocoracis* Yamaguti, 1939: 337-338 now *Andracantha phalacrocoracis*, Schmidt, 1975: 618-619. Specimens possibly collected on the British, Australian and New Zealand Antarctic Expedition of 1929-31. Proboscees missing, therefore identification can't be confirmed.
- Host: *Leucocarbo atriceps* (King), 'Antarctic' AHC 22639.
29. *Arthmorhynchus johnstoni* Golvan, 1960
- Syns: *Arythmorhynchus frassoni* Johnston & Edmonds, 1951
- Arythmorhynchus johnstoni* Golvan, 1960; Edmonds, 1971
- Host: *Numenius madagascarensis* (Linn.),* Q, Johnston & Edmonds 1951: 3; Edmonds 1971: 60; AHC 22554, 42183, 42184, AM W4571, QM GL11209 (specimen missing).
30. *Arythmorhynchus limosae* Edmonds, 1971
- Host: *Limosa lapponica* (Linn.),* Q, Edmonds 1971: 58; AHC 42185-89, QM GL12403,

- GL12406, GL12415, GL12445, G213743, G213744.
31. *Bolbosoma balaenae* (Gmelin, 1790)
Syns: *Sipunculus lendix* Phipps, 1774
Echinorhynchus balaenae Gmelin, 1790, *E. porrigens* Rudolphi, 1814; *E. mysticeti* Beneden, 1870
Bolbosoma balanae Van Cleave, 1953 in error, see Golvan, 1994
Bolbosoma porrigens Johnston & Deland, 1929; Meyer, 1932
Bolbosoma balaenae Petrochenko, 1958; Zdzitowiecki, 1991
Hosts: *Balenoptera acutorostrata* Lacépède, Antarctic/Pacific, AHC 30160, 30162
Globiocephala melas (Traill), SA, AHC 3423
whale probably *Megaptera novaeangliae* (Borowski), NSW, Johnston & Deland 1929: 147; AHC 3423, 22544, AM G11124.
32. *Bolbosoma capitatum* (Linstow, 1880)
Syns: *Echinorhynchus capitatus* Linstow, 1880
Bolborhynchus capitatus Porta, 1906
Bolbosoma capitatum Porta, 1908; Meyer, 1932; Edmonds, 1957a, 1987; Amin & Margolis, 1998
Hosts: *Balaenoptera musculus* Linn., SA, AHC 18826
Globiocephala melas (Traill) *Globiocephala* sp., T, SA, Edmonds 1957a:78; AHC 11432
Pseudorca crassidens Owen, WA, SA, Edmonds 1957a: 78, 1987: 317; AHC 16308, 17979, 30159, WAM WA405-86
Physeter catodon Linn., T, AHC 10571
Accidental hosts: *Arctocephalus forsteri* (Lesson), SA, AHC 19697
Arctocephalus pusillus doriferus (Schreber), V, T, AHC 32114, 32126, 32132.
33. *Bolbosoma turbinella* (Diesing, 1851)
Syns: *Echinorhynchus balaenocephalus* Owen, 1803 see Golvan, 1994; *E. turbinella* Diesing, 1851
Bolborhynchus turbinella Porta, 1906
Pomphorhynchus turbinella Lieper & Atkinson, 1915 see Yamaguti, 1963
Bolbosoma turbinella Porta, 1908; Travassos, 1926; Baylis, 1929; Zdzitowiecki, 1991
Host: *Balaenoptera musculus* Linn., SA, AHC 18826.
34. *Bolbosoma vasculosum* (Rudolphi, 1819)
Syns: *Echinorhynchus vasculosus* Rudolphi, 1819; *E. auranticus* Risso, 1826; Diesing, 1851; *E. pellucidus* Leukart, 1828; *E. annulatus* Molin, 1858; *E. serrani* Linton, 1888, juvenile worm, may be synonym, see Golvan, 1994; *E. bifasciatus* Lühe, 1904
Bolbosoma aurantiacum Van Cleave, 1924; Travassos, 1926
Bolbosoma vasculosum Porta, 1908: 273-274; Petrochenko, 1958
Host: *Mesoplodon bowdoini* (Andrews), NT, SA, AHC 30133
Accidental host: *Arctocephalus pusillus doriferus* (Schreber) T, AHC 32106.
35. *Bolbosoma* sp.
Host: *Pseudorca crassidens* (Owen), no locality data, AHC 30351
36. *Corynosoma arctocephali* Zdzitowiecki, 1984
Corynosoma singularis Skryabin & Nikolsky, 1971 *pro parte*; Hoberg, 1986
Corynosoma arctocephali Zdzitowiecki 1984a, 1986a, 1991; Hoberg, 1986
Host: *Arctocephalus pusillus doriferus* (Schreber), Heard Island, AHC 12773.
37. *Corynosoma australe* Johnston, 1937
Syns: *Corynosoma otarinae* Morini & Boreo, 1960
Corynosoma australe Johnston, 1937; Johnston & Edmonds, 1953; Vargara & George-Nascimento, 1982; Zdzitowiecki, 1984a, 1986a, 1989; Smales, 1986; Pereira & de Matos Neves, 1993
Hosts: *Arctocephalus forsteri* (Lesson), SA, AHC 19589, 30107, 41273
Arctocephalus pusillus doriferus (Schreber), V, SA, AHC 10047, 18763, 18886, 18941, 18945, 18947, 19119, 19384, 22345, 30107, 30134, 32115, 32129
Arctocephalus tropicalis (Gray), V (Zoo), SA, AHC 22972, 32108
Arctocephalus sp., SA, AHC 18931, 18934
Hydrurga leptonyx (Blainville) Auckland Is., Campbell Is., Johnston & Edmonds 1953: 58; Smales 1986: 94; AHC 42235, 42236
Mesoplodon layardi (Gray), SA, AHC 24768
Neophoca cinerea (Peron),* SA, Johnston 1937: 13; Smales 1986: 94; AHC 15474, 22824, 23088, 30114, 31367, 42226-29, 42237, 32115, 32116, 32119

- Phocarcetos hookeri* (Gray); Auckland Is., Campbell Is., Johnston & Edmonds 1953: 58; Smales 1986: 94; AHC 42231-34
- Tursiops truncatus* Montagu, V, AHC 24757, 32121
- Accidental hosts: *Eudyptula minor* Forster, V
- Leuencarbo atriceps* (King), Heard Is., AHC 42279, 42280.
38. *Corynosoma bullosum* (Linstow, 1892)
Syns: *Corynosoma mirabilis* Skryabin, 1966
Echinorhynchus bullosum Linstow, 1892;
Corynosoma strumosum sensu Gower, 1939 see Yamaguti, 1963
Corynosoma singularis Skryabin & Nickolsky, 1971, *pro parte*
Corynosoma bullosum Raillet & Henry, 1907; Baylis, 1929; Travassos, 1926; Johnston & Edmonds, 1953; Edmonds, 1955, 1957b; Zdzitowiecki, 1984a, 1986a, 1991; Hoberg, 1986
Hosts: *Mirouga leonina* Linn.,* Crozet Is., Heard Is., Macquarie Is., Marion Is., Johnston & Edmonds 1953: 55; Edmonds 1995: 142; Edmonds 1957b: 96; AHC 3396, 3804-10, 32107, 32131, 42240-65
Hydrurga leptonyx (Blainville), Heard Is., QM G213756-63
Accidental host: *Delphinus delphis* Linn., WA, AHC 18883.
39. *Corynosoma cetaceum* Johnston & Best, 1942
Syns: *Echinorhynchus* sp. Krefft, 1871
Corynosoma sp. Johnston & Deland, 1929
Corynosoma cetaceum Johnston & Best, 1942; Figueroa & Puga, 1990; Aznar et al, 1999
Polymorphus cetaceus Schmidt & Dailey, 1971
Polymorphus arctocephali Smales, 1986; Edmonds, 1989
Hosts: *Arctocephalus pusillus doriferus* (Schreber), SA, V, Smales 1986: 97-99; Aznar et al 1999: 59-70; AHC 13787, 14835, 23344, 33112, 32128, 32130, 32132, 32109, 32110, 43654-57
Delphinus delphis Linn.,* SA, V, Johnston & Deland 1929: 149; Johnston & Best 1942: 250; AHC 3418, 18883, 30157, 40963, 40964, 42266-71
Hydrurga leptonyx (Blainville), V (Zoo)
Leptonychotes weddelli (Lesson), Antarctic, AHC 18025
- Tursiops truncatus* (Montagu), SA, V, Johnston & Best 1942: 250; AHC 1778, 3602, 18362, 18678, 18743, 18949, 18951, 18970, 19646, 19950, 19952, 19959, 22831, 22838, 22839, 24757, 26198, 30111, 30144, 30145, 30156, 30328, 30331 30332, 32122-24, 32111, 32117, 32121, 32125, 32127, 42272, 42273
seal, Q (Zoo), QM G207090.
40. *Corynosoma pseudohammani* Zdzitowiecki, 1984
Syns: *Corynosoma antarcticum* Johnston & Best, 1937 *nec C. antarcticum* Rennie, 1906
Corynosoma hammani Edmonds, 1957b, possibly a mixed infection of *C. hammani* and *C. pseudohammani*, see Zdzitowiecki, 1984b
Corynosoma pseudohammani Zdzitowiecki, 1984b, 1986a, 1991; Hoberg, 1986
Hosts: *Leptonychotes weddelli* (Lesson),* Adelie Land, Enderby Land, Johnston & Best 1937:10-12; Edmonds 1957b: 96; AHC 18020, 42238, 42239, 42291-93, 42296, 42297, AM W2872
Hydrurga leptonyx Blainville, No locality data, AHC 42298, 42299.
41. *Corynosoma shakletoni* Zdzitowiecki, 1978
Host: *Pygoscelis papua* Forster, Macquarie Is., Edmonds 1955: 141; Zdzitowiecki 1985: 11; Hoberg 1986: 202; AHC 5067, CSIRO A38.
42. *Corynosoma stanleyi* Smales, 1986
Hosts: *Hydromys chrysogaster* Geoffroy,* Q, T, V, Smales 1986: 92-94; Smales & Cribb 1997: 449-450; AHC 8878, 15642, 15643, 15660, 18163, 18768, 22343, 27791, 27792, 30432, 43539, 43540.
43. *Polymorphus biziuræ* Johnston & Edmonds, 1948
Nickol, Crompton & Searle, 1999 [Nickol et al comment generic assignment of *P. biziuræ* is difficult because the putative intermediate host is a crustacean]
Hosts: *Biziura lobata* (Shaw),* NSW, SA, Johnston & Edmonds, 1948: 71-74; AHC 625, 3375, 3387, 3424, 5106, 7489, 19404, 42443-47, 424450-59
Cygnus atratus (Latham), SA, Mawson et al, 1986: 238; AHC 3391
Pelicanus conspicillatus Temminck, SA, Mawson et al 1986: 228
Phalacrocorax sulcirostris (Brandt), SA, AHC 3382, 42449

Phalacrocorax melanoleucos (Vieillot), SA, AHC 3384, 3389

Platalea flavipes Gould, SA, V, AHC 3388, 24061, 42455, 42457

Larus novaehollandiae Stephens, SA, AHC 3385

Threskiornis molucca (Latham), SA, T, AHC 3383, 3390, 5050, 13292, 42448, 42545, 42458.

44. *Polymorphus brevis* (Van Cleave, 1916)

Syn: *Arythmorhynchus brevis* Van Cleave, 1916b, 1945; Travassos, 1926; Golvan, 1960; Amin, 1985 as *A. breve*

Polymorphus brevis Meyer, 1933; Amin, 1992

Host: *Botaurus poiciloptilus* Wagler, Q, QM GL11394, specimens missing from QM, identification could not be confirmed.

45. *Profilicollis sphaerocephalus* (Bremser, 1811)

Syns: *Echiurhynchus sphaerocephalus* Bremser, 1811 in Rudolphi, 1819; *E. haematopodis* Rudolphi, 1819; *E. lari* Rudolphi, 1819 see Yamaguti, 1963

Filicollis sphaerocephalus Travassos, 1926; Golvan, 1960

Polymorphus sphaerocephalus Van Cleave, 1947; Webster, 1948; Schmidt & Kuntz, 1967; Amin, 1992

Parafilicollis sphaerocephalus Petrochenko, 1958

Falsificollis sphaerocephalus Yamaguti, 1963

Profilicollis sphaerocephalus Khoklova, 1974; Golvan, 1994: 17; Nickol, Crompton & Searle, 1999

Hosts: *Bicuria lobata* (Shaw), SA, AHC 2988

Haematopus fuliginosus Gould, SA, AHC 5047, 18036, 18050 CSIRO A59

Haematopus sp., AHC 42307-14

Larus novaehollandiae Stephens, SA, T, AHC 296, 1873, 3364, 3372, 18049, 18210, 42305, 42306

Larus pacificus Latham, SA, CSIRO A58

Pelicanus conspicillatus Temminck, SA, AHC 3386

Phalacrocorax melanoleucos (Vieillot), SA, AHC 2662.

Rhadinorhynchidae

46. *Rhadinorhynchus johnstoni* Golvan, 1969

Rhadinorhynchus pristis Johnston & Edmonds, 1947

Rhadinorhynchus johnstoni Golvan, 1969

Accidental host: dolphin, NSW, Johnston & Edmonds 1947: 17; AHC 19948.

Species inquirenda

No specimens or further reference corresponding to these records can now be found.

1. *Echinorhynchus* sp.

Kreffl, 1871: 212; Johnston & Deland, 1929: 147
Host: *Delphinus forsteri* Gray; probably *D. delphis* Linn.

2. *Echinorhynchus* sp.

Johnston, 1912: 109; Johnston & Deland, 1929: 149

Host: *Eurystonurus orientalis*

3. *Echinorhynchus* sp.

Johnston, 1910: 111; Johnston & Deland, 1929: 151

Host: *Phylidonyris novaehollandiae* (Latham) as *Meliornis novaehollandiae*

4. *Echinorhynchus* sp.

Johnston, 1910: 107; Cleland, 1922: 108

Host: *Psophodes olivaceus*

5. 'Echinorhynch'

Cleland, 1922: 108

Host: *Myiagra inquieta* (Latham).

Acanthocephala

The following bird hosts are listed in Mawson et al 1986 as being infected with acanthocephalans but the material was listed as unidentifiable and has not been retained in any museum collection for further study.

Hosts: *Calidris ruficollis* (Pallas), *Coturnix ypsilophora* Bosc, *Egretta alba* Linn., *Eutomyzon cyanotis* (Latham), *Falco longipennis* Swainson, *Hiraeetus morphnoides* Gould, *Hydroprogne caspia* (Pallas), *Macrorrectes giganteus* Gmelin, *Oxyura australis* Gould, *Peltohyas australis* Gould, *Platalea regia* Gould, *Rallus philipensis* Linn., *Sterna nereis* (Gould), *Tringa terek* (Latham), *Vanellus tricolor* (Vieillot).

HOST-PARASITE LIST

MAMMALIA

Eutheria

Muridae

<i>Hydromys chrysogaster</i>	<i>Corynosoma stanleyi</i>
water rat	<i>Plagiorhynchus cylindraceus</i>
<i>R. fuscipes</i>	<i>Porrorchis hydromuris</i>
bush rat	<i>Moniliformis moniliformis</i>
<i>R. norvegicus</i>	<i>Moniliformis moniliformis</i>
brown rat	
and as <i>E. rattus</i>	
<i>Rattus rattus</i>	<i>Moniliformis moniliformis</i>
black rat	
and as <i>Epimys rattus</i>	
<i>Rattus</i> sp.	<i>Moniliformis moniliformis</i>
rat	

Suidae

<i>Sus scrofa</i>	<i>Macranthorhynchus lurudinaceus</i>
pig	

Felidae

<i>Felis catus</i>	<i>Oncicola pomatostomi</i>
feral cat	<i>Porrorchis</i> sp.

Canidae

<i>Canis lupus dingo</i>	<i>Oncicola pomatostomi</i>
dingo	
as <i>C. familiaris dingo</i>	
<i>Vulpes vulpes</i>	<i>Plagiorhynchus cylindraceus</i>
fox	

Otariidae

<i>Arctocephalus forsteri</i>	<i>Bolbosoma capitatum</i>
New Zealand fur seal	<i>Corynosoma australe</i>
(in error as type host	
for <i>C. australe</i>)	
<i>A. pusillus</i>	<i>Andracantha clavata</i>
Australian fur seal	<i>Bolbosoma capitatum</i>
	<i>Bolbosoma vasculosum</i>
	<i>Corynosoma arctocephali</i>
	<i>Corynosoma australe</i>
	<i>Corynosoma cetaceum</i>
	<i>Corynosoma australe</i>
<i>A. tropicalis</i>	
sub-Antarctic fur seal	<i>Corynosoma australe</i>
<i>Arctocephalus</i> sp.	<i>Corynosoma australe</i>
<i>Neophoca cinerea</i>	
Australian sea lion	
<i>Phocarctos hookeri</i>	<i>Corynosoma australe</i>
New Zealand sea lion	

Phocidea

Hydruga leptonyx
leopard seal

Leptonychotes weddellii
Weddell's seal

Mirouga leonina
southern sea elephant

Corynosoma australe
Corynosoma bullosum
Corynosoma cetaceum
Corynosoma pseudohammmani
Corynosoma cetaceam
Corynosoma pseudohammmani
Corynosoma bullosum

Ziphiidae

Mesoplodon bowdoini
Andrew's beaked whale

Mesoplodon layardii
strap toothed beaked whale

Bolbosoma vasculosum

Corynosoma australe

Balaenopteridae

Balaenoptera auctostrata
minke whale

Balaenoptera musculus
blue whale

Megaptera novaeanglae
humpbacked whale
as 'whale' possibly *Megaptera nodosa*

Bolbosoma balaenae

Bolbosoma capitatum

Bolbosoma turbinella

Bolbosoma balaenae

Bolbosoma balaenae

Delphinidae

Delphinus delphis
common dolphin
as *Delphinus forsteri*
Rhadinorhynchus jolinstoni

Globiocephala melas
long finned pilot whale
as *Globiocephala melaena*

Globiocephala sp.
pilot whale

Pseudorca crassidens
false killer whale

Tursiops truncatus
bottle nosed dolphin

Corynosoma cetaceum

Echinorhynchus sp.

Bolbosoma balaenae

Bolbosoma capitatum

Bolbosoma capitatum

Corynosoma australe

Corynosoma cetaceum

Physeteridae

Physeter catodon
sperm whale

Bolbosoma capitatum

MARSUPIALIA**Dasyuridae**

Antechinus agilis
agile antechinus

Antechinus stuartii
brown antechinus

Australiformis semoni
Centrorhynchus bancrofti
Centrorhynchus sp.
Plagiorhynchus cylindraceus
Australiformis semoni
Centrorhynchus bancrofti
Plagiorhynchus sp.
Porrorchis lylae

<i>Antechinus swansonii</i> dusky antechinus	<i>Centrorhynchus bancrofti</i> <i>Centrorhynchus</i> sp.
<i>Phascogale tapoatafa</i> brush-tailed phascogale as <i>Phascogale penicillata</i> but may be <i>Bettongia penicillata</i>	<i>Australiformis semoni</i>
<i>Sminthopsis leucopus</i> white-footed dunnart	<i>Centrorhynchus</i> sp. <i>Centrorhynchus</i> sp. <i>Plagiorhynchus cylindraceus</i> <i>Plagiorhynchus</i> sp.
Peramelidae	
<i>Isoodon obesulus</i> southern brown bandicoot	<i>Australiformis semoni</i> <i>Plagiorhynchus cylindraceus</i>
<i>I. macrourus</i> northern brown bandicoot	<i>Australiformis semoni</i> <i>Mediorhynchus</i> sp. larvac <i>Plagiorhynchus cylindraceus</i> <i>Plagiorhynchus</i> sp.
<i>P. gunnii</i> eastern barred bandicoot	<i>Australiformis semoni</i> <i>Plagiorhynchus cylindraceus</i>
<i>Perameles nasuta</i> long-nosed bandicoot bandicoot	<i>Australiformis semoni</i> <i>Australiformis semoni</i>
Potorodidae	
<i>Potorous tridactylus</i> long-nosed potoroo	<i>Australiformis semoni</i> <i>Plagiorhynchus cylindraceus</i>
Notoriictidae	
<i>Myrmecobius fasciatus</i> numbat	<i>Multisentis myrmecobius</i>
Macropodidae	
<i>Wallabia bicolor</i> swamp wallaby	<i>Plagiorhynchus cylindraceus</i>
AVES	
Spheniscidae	
<i>Eudyptula minor</i> little penguin	<i>Andracantha clavata</i> <i>Corynosoma australe</i>
<i>Pygoscelis papua</i> gentoo penguin	<i>Corynosoma shakletoni</i>
Phalacrocoracidae	
<i>Leucocarbo atriceps</i> blue eyed cormorant as <i>Phalacrocorax atriceps</i>	<i>Andracantha clavata</i> <i>Corynosoma australe</i> <i>Andracantha</i> sp.
<i>Leucarbo colensoi</i> as <i>Phalacrocorax colensoi</i> Auckland Island shag	<i>Andracantha clavata</i>
<i>Leucarbo fuscescens</i> black faced shag as <i>Phalacrocorax fuscescens</i>	<i>Andracantha clavata</i>
<i>Phalacrocorax melanoleucos</i> little pied cormorant	<i>Andracantha clavata</i> <i>Polymorphus biziurae</i> <i>Profilicollis sphaerocephalus</i>

<i>Phalacrocorax sulcirostris</i> little black cormorant as <i>P. microcarbo</i>	<i>Andracantha clavata</i> <i>Polymorphus biziurae</i> <i>Centrorhynchus</i> sp.
<i>Phalacrocorax varius</i> pied cormorant	<i>Andracantha clavata</i>
<i>Phalacrocorax verrucosus</i> Kerguelen shag	<i>Andracantha clavata</i> .
<i>Phalacrocorax</i> sp.	<i>Andracantha clavata</i>
Pelicanidae	
<i>Pelicanus conspicillatus</i> Australian pelican	<i>Polymorphus biziurae</i> <i>Profilicollis sphaerocephalus</i>
Procellariidae	
<i>Pactyptila turtur</i> fairy prion	<i>Plagiorhynchus charadrii</i>
Ardeidae	
<i>Botaurus poicilopitus</i> Australasian bittern	<i>Polymorphus brevis</i>
<i>Nycticorax caledonicus</i> rufous night heron 'egret'	<i>Oncicola pomatostomi</i> <i>Centrorhynchus</i> sp. A
Plataleidae	
<i>Platalea flavipes</i> yellow spoonbill	<i>Polymorphus biziurae</i>
<i>Threskiornis molucca</i> sacred ibis as <i>Threskiornis aethiopica</i>	<i>Polymorphus biziurae</i> <i>Plagiorhynchus cylindraceus</i>
Accipitidae	
<i>Accipiter cirrocephalus</i> collared sparrowhawk	<i>Centrorhynchus asturinus</i>
<i>Accipiter fasciatus</i> brown goshawk	<i>Centrorhynchus asturinus</i>
<i>Accipiter novaehollandiae</i> grey goshawk as <i>Astur novaehollandiae</i> and as <i>Astur cinereus</i>	<i>Centrorhynchus asturinus</i>
<i>Aviceda subcristata</i> Pacific baza as <i>Baza subcristata</i>	<i>Centrorhynchus asturinus</i>
<i>Circius approximans</i> swamp harrier hawk	<i>Centrorhynchus asturinus</i> <i>Centrorhynchus</i> sp.
Turnicidae	
<i>Turnix castanota</i> chestnut backed button quail	<i>Oncicola pomatostomi</i>
<i>Turnix velox</i> little button quail	<i>Oncicola pomatostomi</i>
Falconidae	
<i>Falco berigoria</i> brown falcon	<i>Centrorhynchus asturinus</i>

<i>Falco cenchroides</i> Australian kestrel	<i>Centrorhynchus asturinus</i>
Anatidae	
<i>Biziura lobata</i> musk duck	<i>Polymorphus biziurae</i>
<i>Cygnus atratus</i> black swan	<i>Profilicollis sphaerocephalus</i> <i>Andracantha clavata</i> <i>Polymorphus biziurae</i>
Megapodiidae	
<i>Alectura lathamii</i> Australian brush turkey and as <i>Cathieturus lathamii</i>	<i>Mediorhynchus alecturae</i>
Rallidae	
<i>Gallinula tenebrosa</i> dusky moorhen	<i>Plagiorhynchus cylindraceus</i>
Pedionomidae	
<i>Pedionomus torquatus</i> plains wanderer	<i>Oncicola pomatostomi</i>
Haematopodidae	
<i>Haematopus fuliginosus</i> sooty oystercatcher	<i>Plagiorhynchus charadrii</i>
<i>Haematopus longirostra</i> pied oystercatcher	<i>Plagiorhynchus charadrii</i> <i>Profilicollis sphaerocephalus</i> <i>Profilicollis sphaerocephalus</i>
<i>Haematopus</i> sp.	
Glaeolidae	
<i>Stiltia isabella</i> Australian pratincole	<i>Mediorhynchus</i> sp.
Burhinidae	
<i>Burhinus grallarius</i> bush thick-knee	<i>Porrorchis lylae</i>
Charadriidae	
<i>Charadris ruficapillus</i> red capped plover as <i>C. alexandrinus</i>	<i>Plagiorhynchus charadrii</i>
<i>Thinornis rubricollis</i> hooded plover as <i>Charadrius rubricollis</i> and <i>C. cuculatus</i> hooded dotterel	<i>Plagiorhynchus charadrii</i>
<i>Vanellus miles</i> masked lapwing	<i>Plagiorhynchus cylindraceus</i>
Scolopacidae	
<i>Limosa laponica</i> bar-tailed godwit	<i>Arythmorhynchus limosae</i>
<i>Numenius madagascarensis</i> eastern curlew as <i>Numenius cyanopus</i>	<i>Arythmorhynchus johnstoni</i>

Laridae

Larus dominicanus
kelp gull

Larus novaehollandiae
silver gull

Larus pacificus
Pacific gull
gull

Corynosoma shakletoni

Polymorphus biziurae
Profilicollis sphaerocephalus
Profilicollis sphaerocephalus

Mediorhynchus sp. B

Cuculidae

Centropus phasianus
pheasant coucal

Plagiorhynchus charadrii
Porrorchis hylae

Strigidae

Ninox boobook
southern boobook
as *Ninox novaseelandia*

Ninox strenua
powerful owl

Centrorhynchus bancrofti

Centrorhynchus bancrofti

Podargidae

Podargus strigoides
tawny frogmouth

Porrorchis hylae

Alcedinidae

Dacelo novaeguineae
laughing kookaburra

Dacelo sp.
T. macleayii
forest kingfisher

Todiramphus sanctus
sacred kingfisher
kingfisher

Centrorhynchus horridus

Centrorhynchus horridus
Centrorhynchus horridus

Centrorhynchus horridus

Centrorhynchus sp.

Campephagidae

Lalage leucomela
varied triller

Oncicola pomatostomi

Menuridae

Menura alberti
Albert's lyrebird

Menura novaehollandiae
superb lyrebird

Plagiorhynchus menurae

Plagiorhynchus menurae

Motacillidae

Anthus novaeseelandiae
Richard's pipit

Oncicola pomatostomi

Muspidae

Melanodryas cucullata
hooded robin

Microeca leucophaea
jacky winter

Turdus merula
European blackbird

Oncicola pomatostomi

Oncicola pomatostomi

Oncicola pomatostomi
Plagiorhynchus charadrii

<i>Zoothera dauma</i> white thrush	<i>Oncicola pomatostomi</i>
<i>Zoothera lunulata</i> Bassian thrush as <i>Oreocinclu lunulata</i>	<i>Oncicola pomatostomi</i> <i>Plagiorhynchus cylindraceus</i>

Pachycephalidae

<i>Colluricincla harmonica</i> grey shrike thrush	<i>Oncicola pomatostomi</i> <i>Mediorhynchus colluricinclae</i>
<i>Oreoica gutturalis</i> crested bellbird	<i>Oncicola pomatostomi</i>
<i>Pachycephala inornata</i> Gilbert's whistler	<i>Oncicola pomatostomi</i>
<i>Pachycephala rufiventris</i> rufous whistler	<i>Oncicola pomatostomi</i>
<i>Rhipidura leucophrys</i> willie wag tail	<i>Mediorhynchus colluricinclae</i>

Orthonychidae

<i>Cinlosoma castanotus</i> chestnut quail thrush as <i>C. castaneum</i>	<i>Oncicola pomatostomi</i>
<i>Cinlosoma cinomomeum</i> cinnamon quail thrush	<i>Oncicola pomatostomi</i>
<i>Petroica goodenovii</i> red capped robin	<i>Oncicola pomatostomi</i>
<i>Psophodes olivaceus</i> eastern whipbird	<i>Plagiorhynchus</i> sp.

Pomatostomatidae

<i>Pomatostomus lalli</i> Hall's babbler	<i>Oncicola pomatostomi</i>
<i>Pomatostomus ruficeps</i> chestnut crowned babbler	<i>Oncicola pomatostomi</i>
<i>Pomatostomus superciliosus</i> white-browed babbler	<i>Mediorhynchus coluricinclae</i> <i>Oncicola pomatostomi</i>
<i>Pomatostomus temporalis</i> grey crowned babbler and as <i>P. rubeculus</i>	<i>Oncicola pomatostomi</i>

Sylviidae

<i>Megalurus timorensis</i> tawny grassbird	<i>Plagiorhynchus cylindraceus</i>
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Plocidae

<i>Poephila cincta</i> black throated finch	<i>Oncicola pomatostomi</i>
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Meliphagidae

<i>Acanthagenys rufogularis</i> spiny cheeked honeyeater	<i>Mediorhynchus</i> sp. B
<i>Acanthochoera carunculata</i> red wattle bird	<i>Oncicola pomatostomi</i>
<i>Acanthochoera chrysoptera</i> brush wattle bird	<i>Mediorhynchus alecturae</i> <i>Mediorhynchus colluricinclae</i>

<i>Licheostomus plumulus</i>	<i>Oncicola pomatostomi</i>
grey fronted honeyeater	
<i>Licheostomus vireescens</i>	<i>Oncicola pomatostomi</i>
singing honeyeater	
<i>Manorina flavigula</i>	<i>Oncicola pomatostomi</i>
yellow throated miner	
Sturnidae	
<i>Acridotheres tristis</i>	<i>Plagiorhynchus cylindraceus</i>
common mynah	<i>Plagiorhynchus charadrii</i>
<i>Sturnus vulgaris</i>	<i>Plagiorhynchus cylindraceus</i>
common starling	
Paradisaeidae	
<i>Ptiloris victoriae</i>	<i>Plagiorhynchus</i> sp.
Victoria's riflebird	
Maluridae	
<i>Amytornis purnelli</i>	<i>Oncicola pomatostomi</i>
dusky grasswren	
<i>Malurus cyaneus</i>	<i>Oncicola pomatostomi</i>
superb fairy wren	
Acanthizidae	
<i>Acanthiza chrysorrhoa</i>	<i>Oncicola pomatostomi</i>
yellow rumped thornbill	
<i>Aphelocephala leucopsis</i>	<i>Oncicola pomatostomi</i>
southern white face	
and as <i>Climacteris leucopsis</i>	
<i>Sericornis brunneus</i>	<i>Oncicola pomatostomi</i>
red throat	
as <i>Pyrrhodaemus brunneus</i>	
<i>Sericornis cautus</i>	<i>Oncicola pomatostomi</i>
shy hylacola	
<i>Sericornis fuliginosus</i>	<i>Oncicola pomatostomi</i>
calamanthus	
<i>Sericornis pyrrhopygius</i>	<i>Oncicola pomatostomi</i>
chestnut rumped hyacola	
as <i>Hyacola pyrrhopygius</i>	
'hylacola'	<i>Oncicola pomatostomi</i>
Neosittidae	
<i>Daphoenositta chrysoptera</i>	<i>Oncicola pomatostomi</i>
varied sitella	
Climacteridae	
<i>Climacteris affinis</i>	<i>Oncicola pomatostomi</i>
white browed tree creeper	
<i>C. melanura</i>	<i>Oncicola pomatostomi</i>
black tailed tree creeper	
as <i>C. wellsi</i>	
<i>C. picumnus</i>	<i>Oncicola pomatostomi</i>
brown tree creeper	
<i>Cormobates leucophaea</i>	<i>Oncicola pomatostomi</i>
white throated tree creeper	
as <i>Climacteris leucophaea</i>	

Corcoracidae

<i>Corcorax melanoramphus</i> white winged chough	<i>Mediorhynchus corcoracis</i>
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Grallinidae

<i>Grallina cyanoleuca</i> Australian magpie-lark	<i>Mediorhynchus robustus</i> <i>Mediorhynchus corcoracis</i> <i>Oncicola pomatostomi</i> <i>Plagiorhynchus cylindraceus</i>
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Artamidae

<i>Artamus cinereus</i> black faced wood swallow	<i>Oncicla pomatostomi</i>
<i>Artamus superciliosus</i> white browed wood swallow	<i>Oncicola pomatostomi</i>

Cractidae

<i>Gymnorhina tibicen</i> Australian magpie	<i>Oncicola pomatostomi</i> <i>Plagiorhynchus cylindraceus</i>
<i>Strepera versicolor</i> grey currawong	<i>Oncicola pomatostomi</i>

Corvidae

<i>C. bennetti</i> little crow	<i>Mediorhynchus corcoracis</i>
<i>Corvus coronoides</i> Australian raven	<i>Mediorhynchus corcoracis</i> <i>Plagiorhynchus cylindraceus</i>
<i>C. mellori</i> little raven	<i>Mediorhynchus corcoracis</i>
<i>C. tasmanicus</i> forest raven	<i>Mediorhynchus corcoracis</i>
<i>Corvus</i> sp.	<i>Mediorhynchus corcoracis</i>

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